

ABSTRACT

A device for drilling controlled directional wells comprises a central hollow element and three hollow tubular elements connected thereto out-of-line with respect to each other. The first hollow tubular element connected by a thread to the spindle and the central hollow element, are each provided with a contact segmental section, thereby forming a pair of contact segmental sections. The sections are disposed on the opposite sides with respect to the meridian plane of the spindle in the bending plane of the drill string and at a distance L between the nearest edges of the contact segmental sections along the central axis of the first element. $L \geq D$, where D is the spindle outer diameter. The contact segmental section of the first element is deviated from the meridian plane of the spindle in the bending plane of the drilling string in an opposite direction with respect to the reaction torque of a drilling bit.